

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SP-078132
Unit Annie L. Elliott "A"

X			

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY <u>Frac</u> <u>X</u>
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Annie L. Elliott "A"

Farmington, New Mexico November 22, 1961

Well No. 2 is located 1085 ft. from [N] line and 1010 ft. from [W] line of sec. 11

NW 1/4 NW 1/4 of Section 11 T-29-N R-9-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco Pictured Cliffs San Juan
(Field) (County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 6273 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spotted 500 gallons NCA on bottom. Ran correlation log. Perforated Pictured Cliffs with 8 shots per foot 2892-2898'. Sand water fracked with 31,900 gallons of water containing 1 percent calcium chloride and 20,000 pounds 20-40 sand and tail in 10,000 pounds 10-20 sand. Breakdown pressure 1400 psi and average treating pressure 1850 psi. Average injection rate 48 barrels per minute. Landed 1-1/4" tubing at 2916'. Released rig November 9, 1961.

Total depth 3027', plug back depth 2992'. Completed as shut-in gas well Blanco Pictured Cliffs Field November 14, 1961. Preliminary test November 14, 1961 flowed 3 hours and gauged 1065 MCF per day with tubing pressure flowing 23 psi and casing pressure flowing 23 psi, with gas fairly dry. Top pay Pictured Cliffs 2890'. Elevation ground level 6266' and rotary drive bushing 6275'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pan American Petroleum Corporation

Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By

Title Senior Petroleum Engineer